

PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United Kingdom Patent Office (RO/GB)
0-7	Applicant's or agent's file reference	TD,001-PCT
I	Title of invention	APPARATUS AND METHOD FOR TRANSMITTING A SIGNAL FROM DEEP IN A WELLBORE THROUGH A STRING OF TUBULARS
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	VARCO I/P, INC.
II-5	Address:	One BriarLake Plaza 2000 West Sam Houston Parkway South Suite 1700 Houston, TX 77042 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	n/a
II-9	Facsimile No.	n/a
II-10	e-mail	n/a
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	BOYADJIEFF, George
III-1-5	Address:	18772 Colony Circle Villa Park, CA 92861 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	all designated States
III-2-4	Name (LAST, First)	WILLIAMS, Barry
III-2-5	Address:	
III-2-6	State of nationality	US
III-2-7	State of residence	US
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	PONTIUS, Bruce
III-3-5	Address:	15802 North 50th Street Scottsdale, AZ 85254 United States of America
III-3-6	State of nationality	US
III-3-7	State of residence	US
III-4	Applicant and/or inventor	
III-4-1	This person is:	applicant only
III-4-2	Applicant for	all designated States except US
III-4-4	Name (LAST, First)	LUCAS, Brian, Ronald
III-4-5	Address:	Lucas & Co. 135 Westhall Road Warlingham, Surrey CR6 9HJ United Kingdom
III-4-6	State of nationality	GB
III-4-7	State of residence	GB
III-4-8	Telephone No.	01883 626211
III-4-9	Facsimile No.	01883 622997
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LUCAS, Brian, Ronald
IV-1-2	Address:	Lucas & Co. 135 Westhall Road Warlingham, Surrey CR6 9HJ United Kingdom
IV-1-3	Telephone No.	01883 626211
IV-1-4	Facsimile No.	01883 622997
IV-1-5	e-mail	mail@lucas-uk.com

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V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>
V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	10 October 2002 (10.10.2002)
VI-1-2	Number	60/417,525
VI-1-3	Country	US
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	21 October 2002 (21.10.2002)
VI-2-2	Number	60/420,052
VI-2-3	Country	US

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VI-3	Priority claim of earlier national application		
VI-3-1	Filing date	22 October 2002 (22.10.2002)	
VI-3-2	Number	60/420,381	
VI-3-3	Country	US	
VI-4	Priority claim of earlier national application		
VI-4-1	Filing date	28 January 2003 (28.01.2003)	
VI-4-2	Number	60/442,992	
VI-4-3	Country	US	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	1	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	